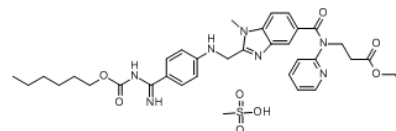


**Product Name** : Dabigatran etexilate mesylate  
**Cat. No.** : PC-42507  
**CAS No.** : 872728-81-9  
**Molecular Formula** : C<sub>35</sub>H<sub>45</sub>N<sub>7</sub>O<sub>8</sub>S  
**Molecular Weight** : 723.8389  
**Target** : Thrombin  
**Solubility** : 10 mM in DMSO



## Biological Activity

A prodrug of BIBR-953, which is a potent nonpeptide thrombin inhibitor with  $K_i$  of 4.5 nM; 10-fold less potent for Trypsin and no activity against Factor Xa, Plasmin, tPA and activated protein C; exhibits strong and long-lasting anticoagulant effects ex vivo and strong oral activity in different animal species.

Thrombosis

Approved

## References

Huel NH, et al. J Med Chem. 2002 Apr 25;45(9):1757-66.

Wienen W, et al. Thromb Haemost. 2007 Jul;98(1):155-62.

Baetz BE, et al. Pharmacotherapy. 2008 Nov;28(11):1354-73.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com